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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

COMMEREUCE *et al.*

Serial No.: 09/580,179

Filed: May 26, 2000



Examiner: J. Pasterczyk

Group Art Unit: 1755

For: CATALYST COMPRISING A TRIOCTAHEDRAL 2:1 PHYLLOSILICATE
PREPARED IN A FLUORIDE MEDIUM AND A PROCESS FOR THE
HYDROCONVERSION OF PETROLEUM FEEDS

REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 18, 2002, please amend the above-identified application and consider the remarks which follow.

IN THE CLAIMS:

Please amend claims 1, 2, 3, 4, 6 and 8 as follows:

1. (Twice Amended) A catalytic composition, comprising a product resulting from bringing the following three constituents into contact in any order:

- a) a least one divalent nickel compound of the formula



where R_1 is an alkyl, cycoalkyl, alkenyl, aryl, aralkyl or alkaryl radical containing up to 20 carbon atoms;

b) at least one hydrocarbylaluminum dihalide with formula $AIRX_2$, where R is a hydrocarbyl radical containing 1 to 12 carbon atoms and X is a chlorine or bromine atom; and

- c) at least one organic Bronsted acid;



1755
44

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2001		Complete if Known	
		Application Number	09/580,179
Patent fees are subject to annual revision.		Filing Date	May 26, 2000
		First Named Inventor	COMMEREUC et al.
		Examiner Name	J. Pasterczyk
		Group / Art Unit	1755
TOTAL AMOUNT OF PAYMENT (\$)		18	Attorney Docket No. PET 1845

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																														
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 13-3402 Deposit Account Name: Millen, White, Zelano & Branigan, P.C. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"><thead><tr><th>Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Harry B. Shubin	Registration No. Attorney/Agent)	32,004	Telephone	(703)812-5306
Signature		Date	October 18, 2002		

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